

Claim Amendment

Claim 1 (currently amended): A system for detecting and annunciating when a loss of occupancy detection in transit systems, such as a train operating on rails and controlled by an automatic train control system, goes undetected with said system comprising:

- a first car in a train with an automatic train operation system which detects a speed command of a proceeding block;

- an end car in a train with an automatic train operation system which detects the speed command of a trailing block while its control function is disabled;

- a speed command comparison device to compare the speed command of the trailing block with known speed commands; and

- an automatic train control system communicating with said speed command comparison device and a controller device that controls the reception or transmission of speed commands and formatting of a Global Position System receiver's output data, speed commands and decoded data received from said speed command comparison device whose data output is supplied to an optical transceiver, radio frequency transceiver, train line transceiver, or traction power transceiver for the purpose of detecting and annunciating when a train whose presence should be detected and annunciated goes undetected and unannounced.